

From: Peter H. Gleick
Sent: Monday, December 15, 2003 1:05 PM
To: Kofoed, Jennifer; Dabbs, Paul; Guivetchi, Kamyar; Minton, Jonas
Subject: corrected climate paragraph in Stakeholder draft; Narrative
Importance: High

I've reviewed the climate paragraph (just one?) in the Narrative/Stakeholder Summary.

It has some errors -- in particular, referring just to precipitation as an important driver of snowmelt changes. This is wrong, it is temperature that is important.

I've rewritten it and offer it here to be substituted. I've tried to make very few changes, and resisted the temptation to lengthen it. But please correct the current draft:

California's water systems have been designed and operated based on data from a relatively short hydrologic record. Growing scientific evidence indicates that future climatic changes could significantly change California's temperatures and precipitation in ways that will affect the state's water resources. Higher temperatures mean less snowpack and changes in snowmelt timing and runoff. More variability in rainfall would place more stress on the reliability of existing flood management and water systems. Higher sea level would affect water quality in coastal aquifers and water management options in the Delta. Water managers must begin considering these issues in long-term planning.

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